3M™ Multi-Touch Displays

Overview

Sophistication Meets Innovation in Multi-Touch Desktop Displays

3M™ takes interactive display technology to the next level by combining uncompromising multi-touch performance, brilliant high-definition graphics, wide viewing angles and elegant product design into a fully-integrated, easy-to-use, plug-and-play multi-touch desktop device.

Multi-Touch Desktop Displays

Ruggedized Chassis for Next-Generation Multi-Touch Applications

3M combines its industry-leading multi-touch technology that delivers an ultra-fast, accurate, and precise multi-touch response, with a high-definition, wide viewing angle LCD, to create a multi-touch chassis for your next generation interactive application. The rugged all steel frame and a highly durable glass front surface provide the durability needed for demanding public use environment.

Multi-Touch Chassis Displays

www.3M.com/touch

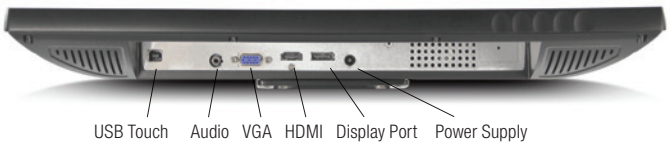
Downloaded from Arrow.com.

High-performance Desktop Multi-Touch Displays

	3M Multi-Touch Display M2167PW 3M Multi-Touch Display M2467PW	3M Multi-Touch Display M2767PW
Diagonal Size	**M2167PW:** 21.5" **M2467PW:** 24"	27"
Aspect Ratio	16:9	16:9
Display Form Factor	Desktop	Desktop
Number of Simultaneous Touch Points	20	40
Touch Response Time	6 ms	10 ms*
Display Resolution	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)
Display Colors	16.7 Million	16.7 Million
Pixel Pitch	**M2167PW:** 0.248mm x 0.248mm **M2467PW:** 0.277mm x 0.277mm	0.311mm x 0.311mm
Backlight	LED	LED
Viewing Angle	178° (Vertical/Horizontal)	178° (Vertical/Horizontal)
Brightness	250 Nit	250 Nit
Brightness with Touch Sensor	217 Nit	217 Nit
Multimedia	Audio Input, 3 Watt Audio Speaker	Audio Input, 3 Watt Audio Speaker
Surface Treatment	3M Anti-stiction Surface Coating	3M Anti-stiction Surface Coating
Touch Communication	USB	USB
Video Connections	HDMI, VGA, Display Port	HDMI, VGA, Display Port
Power Supply	External, 110/220 VAC	External, 110/220 VAC
Cables Included	Power Supply, USB, HDMI, DVI	Power Supply, USB, HDMI, DVI
VESA Pattern	**M2167PW:** 100x100; **M2467PW:** 100x100; 100x200	100x100; 100x200
Operating Systems Compatibility	Windows 8/7/Vista/XP, Linux, & Mac OS	Windows 8/7/Vista/XP, Linux, & Mac OS
Warranty	1 year	1 year
Part Number	**M2167PW:** 98-0003-3729-9 **M2467PW:** 98-0003-3786-9	98-0003-3787-7

* up to 40 touches

Flat Front Surface (Virtual Bezel)



M18, M21, M24, M27 Connections

90-degrees of Adjustment

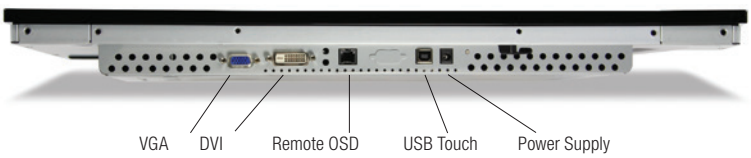
www.3M.com/touch

Downloaded from Arrow.com.

Commercial-Grade Chassis Multi-Touch Displays

3M Multi-Touch Display C2167PW	3M Multi-Touch Display C3266PW	3M Multi-Touch Display C4267PW 3M Multi-Touch Display C4667PW	3M Multi-Touch Display C5567PW
21.5"	32"	**C4267PW:** 42" **C4667PW:** 46"	55"
16:9	16:9	16:9	16:9
Open Frame Chassis	Open Frame Chassis	Open Frame Chassis	Open Frame Chassis
20	40	60	60
8 ms	10 ms*	12 ms*	10 ms*
1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)
16.7 Million	16.7 Million	1.07 Billion	1.07 Billion
0.248mm x 0.248mm	0.364mm x 0.364mm	**C4267PW:** 0.485mm x 0.485mm **C4667PW:** 0.177mm x 0.530mm	0.21mm x 0.63mm
LED	LED	LED	LED
178° (Vertical/Horizontal)	178° (Vertical/Horizontal)	178° (Vertical/Horizontal)	178° (Vertical/Horizontal)
250 Nit	450 Nit	700 Nit	700 Nit
225 Nit	392 Nit	610 Nit	610 Nit
N/A	Audio Input, 10 Watt Audio Speaker	Audio Input, 10 Watt Audio Speaker	Audio Input, 5W + 5W @ 8Ω
Anti-glare	Anti-glare	Anti-glare	Anti-glare
USB	USB and Serial	USB	USB
VGA, DVI-D	HDMI, VGA, DVI	HDMI, DVI, VGA, Display Port	HDMI, DVI, VGA, Display Port (HDCP)
External, 110/220 VAC	Internal, 110/220 VAC	Internal, 110/220 VAC	Internal, 110/220 VAC
Power Supply, USB, VGA, DVI	Power Supply, USB, Serial, HDMI, VGA, DVI	Power Supply, USB, Serial, VGA, DVI, HDMI, Display Port	Power Supply, USB, Serial, VGA, DVI, HDMI, Display Port
100x100	200x200	400x400	400x400
Windows 8/7/Vista/XP, Linux, & Mac OS	Windows 8/7/Vista/XP, Linux, & Mac OS	Windows 8/7/Vista/XP, Linux, & Mac OS	Windows 8/7/Vista/XP, Linux, & Mac OS
1 year	1 year	2 year	1 year
98-0003-4242-2	98-0003-3695-2	**C4267PW:** 98-1100-0223-9 **C4667PW:** 98-0003-4107-7	98-1100-0531-5
	* up to 20 touches	* up to 20 touches	* up to 20 touches

C2167PW Flat Front Surface



C2167PW Connections

C4267PW, C4667PW and C5567PW
Flat Front Surface

C3266PW, C4267PW, C4667PW and C5567PW Connections

Downloaded from Arrow.com.

Multi-Touch Desktop Displays

Feature	Benefit
3M PCT Multi-Touch Technology	• 20-touch(1) multi-touch performance for intuitive on-screen collaboration at 6 milliseconds response time • Palm rejection creates natural user operation when using one or two hands • Superior touch accuracy (99% of true position) enables precise touch performance, even at display edge and corners
High Performance 1080p HD LCD with LED Backlight(2)	• Vivid realistic images with enhanced brightness and contrast levels creates high-impact on-screen interactive experience • Wide viewing angle for viewing flexibility while maintaining image quality • Provides improved power efficiency and reduced consumption
Sophisticated Flat Front Surface Design	• Provides the elegant and modern aesthetics of popular portable consumer devices • Anti-stiction surface provides improved usability for multi-touch applications • Easy-to-clean surface without bezels • Virtually eliminates dust and debris build up at the edge and corners of the display

(1) M2767PW allows for 40 simultaneous touch at a 10 millisecond response time

(2) M1866PW has high definition resolution (1366x768)

Multi-Touch Chassis Displays

Feature	Benefit
3M PCT Multi-Touch Technology	• Up to 60 multi-touch input with palm rejection capability enables engaging single and multiple user interactions • Less than 12 millisecond touch response (for 20 touches) creates a natural, intuitive and responsive interface • Anti-stiction surface enhances the user experience for simple and advanced gestures
Premium Display Technology	• Full HD resolution (1920 x 1080) maintains sharp image quality while performing up-close interactions • Ultra-wide viewing angle presents a brilliant image at almost any angle • LED backlights present a long lasting, bright, uniform image regardless of integrated orientation
Versatile Product Design	• Ultra-slim and lightweight display enables designers to create compelling multi-touch applications • Open frame design allows for easy integration in kiosks, enclosures or table tops • Advanced thermal system to maintain comfortable touch screen temperature • Strengthened glass construction enables modern durable flat front surface designs • Fully integrated multi-touch display simplifies implementation of multi-touch into product portfolio

3M Touch Systems
501 Griffin Brook Park Drive
Methuen, MA 01844
U.S.A.

1-888-659-1080

www.3M.com/touch

RoHS Directive compliant: RoHS 2011/65/EU means that the product or part does not contain any of the substances in excess of the maximum concentration values ("MCVs") in EU RoHS Directive 2011/65/EU, unless the substance is in an application that is exempt under EU RoHS. The MCVs are by weight in homogeneous materials. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M. (3/13)

IMPORTANT NOTICE TO PURCHASER: Specifications are subject to change without notice. These 3M Touch Systems' Products and software are warranted to meet their published specifications from the date of shipment and for the period stated in the specification. 3M Touch Systems makes no additional warranties, express or implied, including but not limited to any implied warranties of merchantability or fitness for a particular purpose. User is responsible for determining whether the 3M Touch Systems Products and software are fit for User's particular purpose and suitable for its method of production, including intellectual property liability for User's application. If the Product, software or software media is proven not to have met 3M Touch Systems' warranty, then 3M Touch Systems' sole obligation and User's and Purchaser's exclusive remedy, will be, at 3M Touch Systems' option, to repair or replace that Product quantity or software mediator to refund its purchase price. 3M Touch Systems has no obligation under 3M Touch Systems' warranty for any Product, software or software media that has been modified or damaged through misuse, accident, neglect, or subsequent manufacturing operations or assemblies by anyone other than 3M Touch Systems. 3M Touch Systems shall not be liable in any action against it in any way related to the Products or software for any loss or damages, whether non-specified indirect, special, incidental or consequential (including downtime, loss of profits or goodwill) regardless of the legal theory asserted. (3/14)

3M is a trademark of 3M Company. Printed in USA © 3M 2015 All rights reserved.

Downloaded from Arrow.com.